

Using pedigree-based genome mapping for QTL identification for seed size, earliness and Ascochyta blight resistance in chickpea

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SPG Contributions	Project Status	Duration/Timeline of Project (Year to Year)	Total Project Cost
\$242,018.00	Completed	April 2009 – April 2012	\$242,018.00

Project Description

To build a set of molecular tools and integrate them with available genetic resources to provide greater precision in the evaluation of breeding populations, thereby facilitating the rapid development of improved chickpea cultivars.

Outcome

This research identified a number of markers associated with important traits in chickpea, which will be used to assist in the selection process within the Crop Development (CDC) chickpea breeding program.

Research Objective

OBJECTIVE 1

To build a set of molecular tools and integrate them with available genetic resources to provide greater precision in the evaluation of breeding populations, thereby facilitating the rapid development of improved chickpea cultivars.